

AMENDMENTS TO THE SPECIFICATION:

Please amend page 4, lines 23-29, as follows:

Moderate basic monomers are, for example, N,N-dialkyl-substituted amides, such as, for example, N,N-dimethylacrylamide, N,N-dimethylmethacrylamide, N-tert-butylacrylamide, N-vinylpyrrolidone, N-vinyl lactam, dimethylaminoethyl methacrylate, dimethylaminoethyl acrylate, diethylaminoethyl methacrylate, diethylaminoethyl acrylate, N-methylolmethacrylamide, N-(butoxymethyl)methacrylamide, N-methylolacrylamide, N-(ethoxymethyl)acrylamide, and N-isopropylacrylamide, this enumeration not being exhaustive.

Please amend page 6, line 30 through page 7, line 13, as follows:

More strongly preferred are controlled regulators for the polymerization of compounds of the following type:

- 2,2,5,5-tetramethyl-1-pyrrolidinyloxy (PROXYL), 3-carbamoyl-PROXYL, 2,2-dimethyl-4,5-cyclohexyl-PROXYL, 3-oxo-PROXYL, 3-hydroxyimine-PROXYL, 3-aminomethyl-PROXYL, 3-methoxy-PROXYL, 3-t-butyl-PROXYL, 3,4-di-t-butyl-PROXYL;
- 2,2,6,6-tetramethyl-1-piperidinyloxy pyrrolidinyloxy (TEMPO), 4-benzoyloxy-TEMPO, 4-methoxy-TEMPO, 4-chloro-TEMPO, 4-hydroxy-TEMPO, 4-oxo-TEMPO, 4-amino-TEMPO, 2,2,6,6-tetraethyl-1-piperidinyloxy, 2,2,6-trimethyl-6-ethyl-1-piperidinyloxy;
- N-tert-butyl 1-phenyl-2-methylpropyl nitroxide;
- N-tert-butyl 1-(2-naphthyl)-2-methylpropyl nitroxide;
- N-tert-butyl 1-diethylphosphono-2,2-dimethylpropyl nitroxide;
- N-tert-butyl 1-dibenzylphosphono-2,2-dimethylpropyl nitroxide;
- N-(1-phenyl-2-methylpropyl) 1-diethylphosphono-1-methylethyl nitroxide;
- di-t-butyl nitroxide;
- diphenyl nitroxide;
- t-butyl t-amyl nitroxide.

Please amend page 7, line 35 through page 8, line 5, as follows:

As a further controlled polymerization method, atom transfer radical polymerization (ATRP) can be used advantageously ~~to synthesize the block copolymers~~, in which case use is made preferably as initiator of monofunctional or difunctional secondary or tertiary halides and, for abstracting the halide(s), of complexes of Cu, Ni, Fe, Pd, Pt, Ru, Os, Rh, Co, Ir, Ag or Au (EP 0 824 111 A1; EP 826 698 A1; EP 824 110 A1; EP 841 346 A1; EP 850 957 A1). The various possibilities of ATRP are further described in US 5,945,491 A, US 5,854,364 A and US 5,789,487 A.